



# JCRE Demonstration



## *Concepts and Technology for a* **Joint Coordinated Real-Time Engagement (JCRC) ACTD**



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# Agenda

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- JCRC Overview
- OUA Deployment
- Demonstration
- Discussions

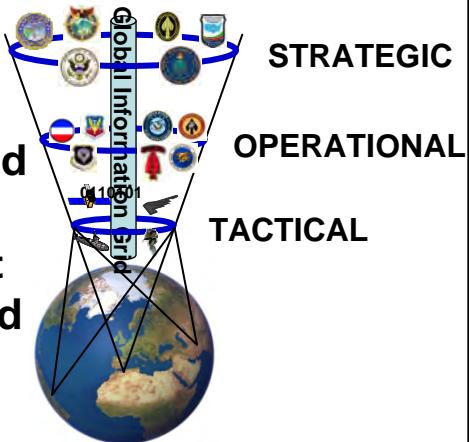


# Joint Coordinated Real-Time Engagement (JCRC)

FY05  
ACTD

## Combatant Problem Statement

Problem... Need to rapidly and effectively synchronize effects and employ Military capabilities to conduct global time-constrained operations.



## Participants

- USSTRATCOM   USSOCOM   ONR   DISA

TM: ONR   OM: USSTRATCOM   XM: DISA

Lead Service: USN

## Schedule

- FY05: Initial Global Force Synchronization
- FY06: HTML View Dev & Data Ingest
- FY07: Enhanced Effects/Actions Synch
- FY08: Federated Architecture/Virtualization
- FY08-09: EUE & Transition

## Objectives

- The JCRC ACTD will develop the CONOPS and the GIG-enabled software tools that enable Joint Real-Time Operations and Engagement across Theater AORs and echelons

## Technology

- First project to try globally distributed engagement tools operating in time-constrained operations on the GIG layers of services

## Residuals

- JCRC Suite on NIPRNet & SIPRNet at DISA
- Multi-COCOM, Cross Echelon Synchronization Services
  - Effects/Actions Synchronization
  - Global Capabilities Synchronization
  - Global Situational Awareness
  - Federated DIL Capability

## Comments

- Transition targets: DISA - NECC, STRATCOM/JCS J39 - NPES, & NAVY PMW-160 PMO - CANES

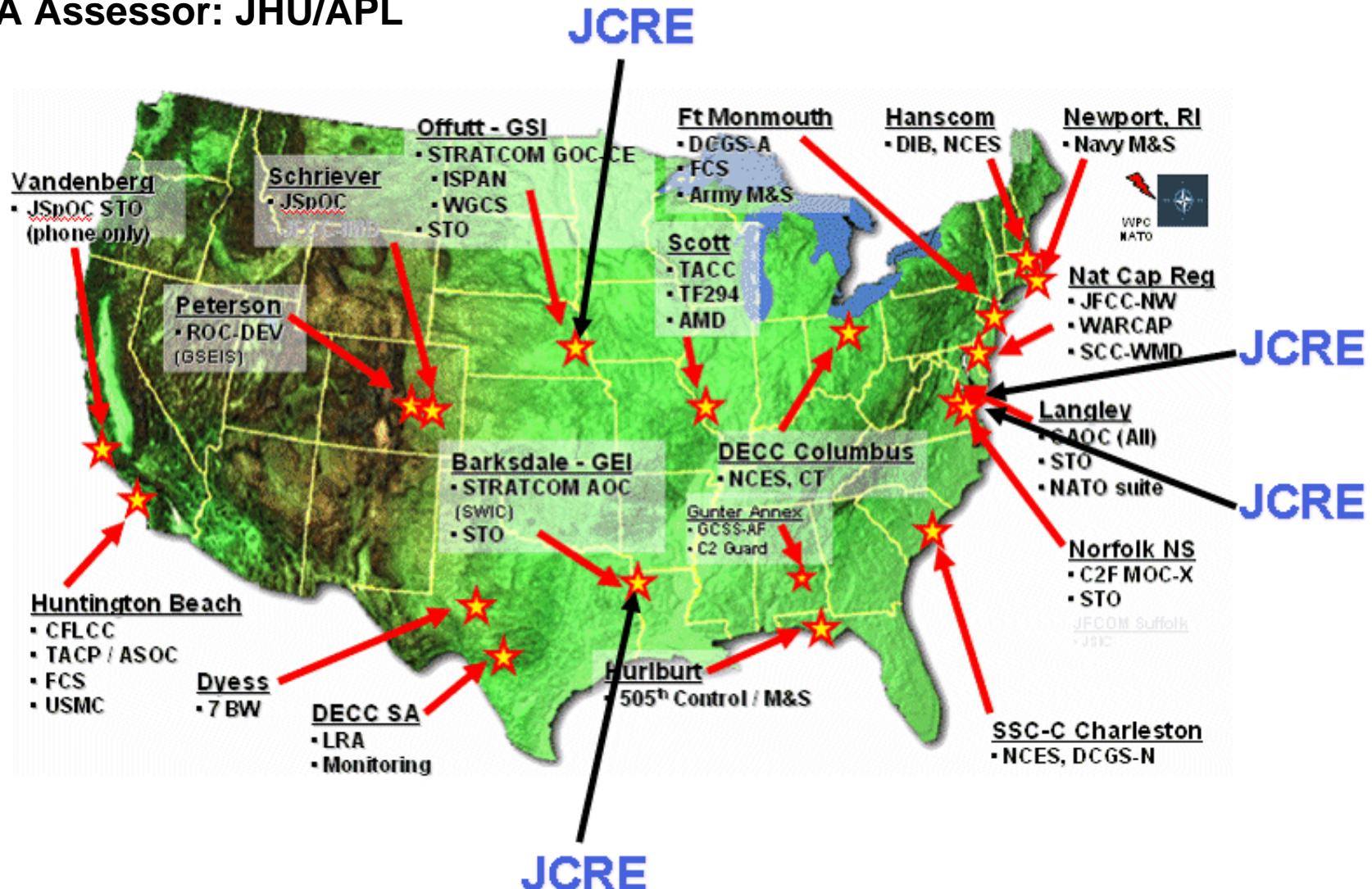
DIL = Disrupted, Intermittent and Low-bandwidth



# JMUA Phase 1: JEFX08-1

## Demonstration Venue & Participants

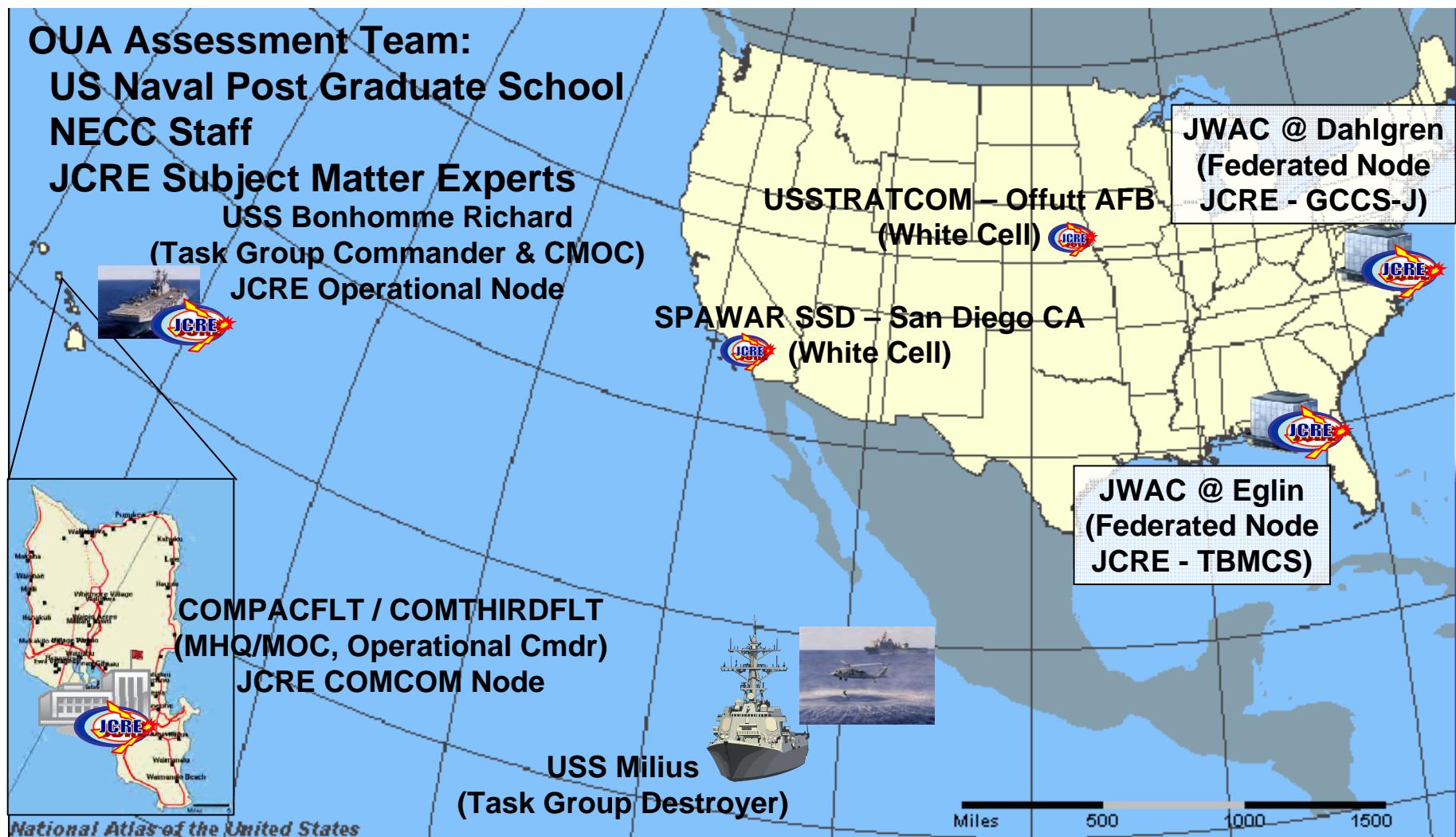
OUA Assessor: JHU/APL





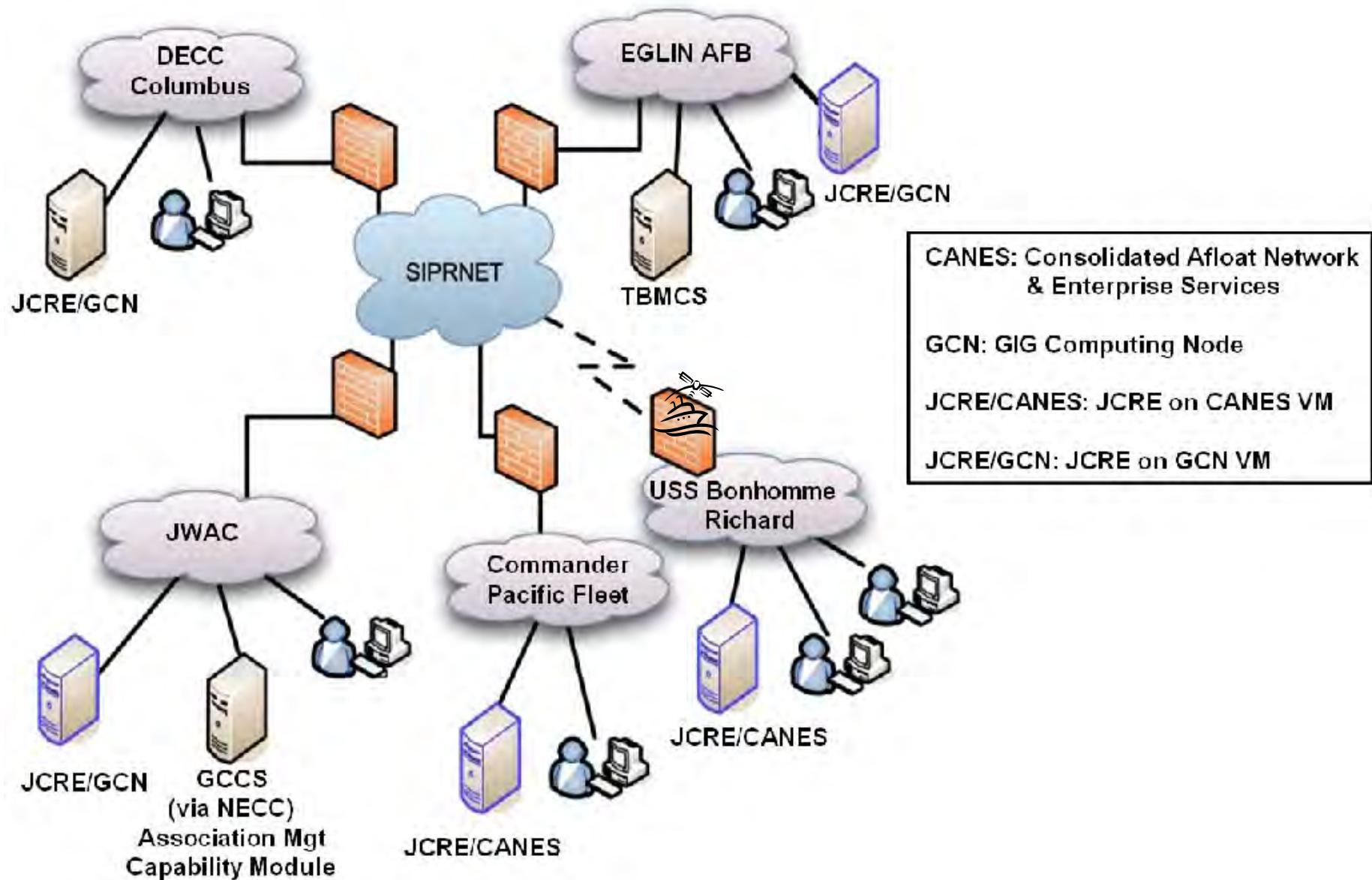
# JMUA Phase 2: TW08

## Demonstration Venue & Participants





# JCRC Federated Architecture in TW08





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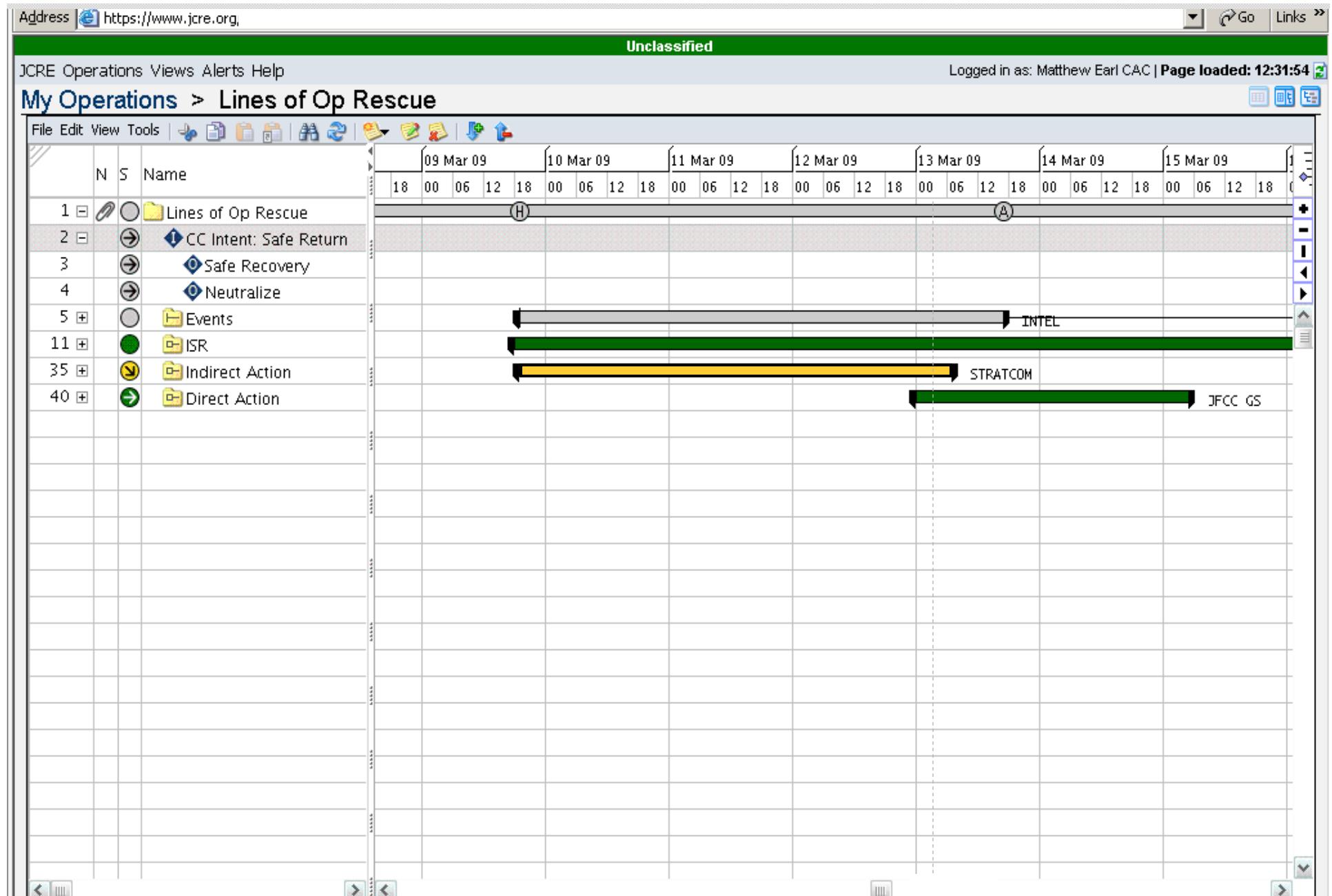
# JCRC DEMONSTRATION

The screenshot shows the JCRE Operations interface with the following details:

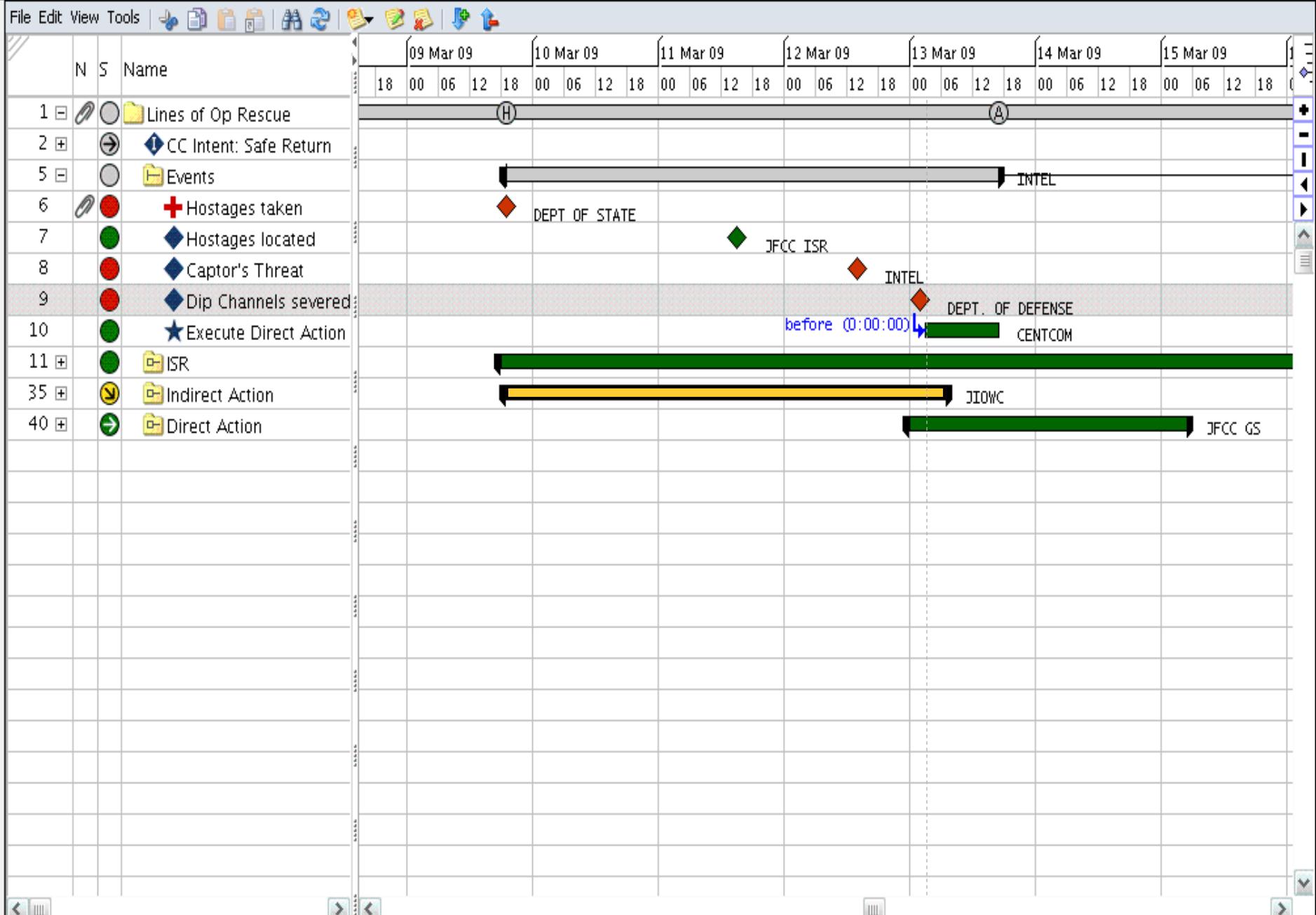
- Address Bar:** https://www.jcre.org
- Header:** JCRE (Large blue logo), Unclassified (green bar), Logged in as: Matthew Earl CAC | Page loaded: 12:31:54
- Navigation:** JCRE Operations Views Alerts Help, My Operations > Lines of Op Rescue
- Timeline:** A horizontal timeline from 09 Mar 09 to 15 Mar 09, with columns for 18, 00, 06, 12, and 18 hours.
- Legend:** A sidebar on the left lists items with numbers and icons: 1 - Lines of Op Rescue, 2 - CC Intent: Safe Return, 3 - Neutralize, 4 - Events, 11 - ISR, 35 - Indirect Action, 40 - Adm.
- Planned Activities:** Several horizontal bars represent planned activities: INTEL (grey bar ending on 13 Mar 09), ISR (green bar ending on 13 Mar 09), STRATCOM (yellow bar ending on 13 Mar 09), and JFCC GS (green bar ending on 13 Mar 09).
- Overlaid Text:** Large, bold black text is overlaid on the timeline:
  - Asynchronous Planning** (top left)
  - Execution Management** (center)
  - Collaboration** (bottom left)
  - Automated M2M Data Ingest** (bottom center)
  - Easy Access** (bottom right)

NIPR Site -- <https://www.JCRE.org>

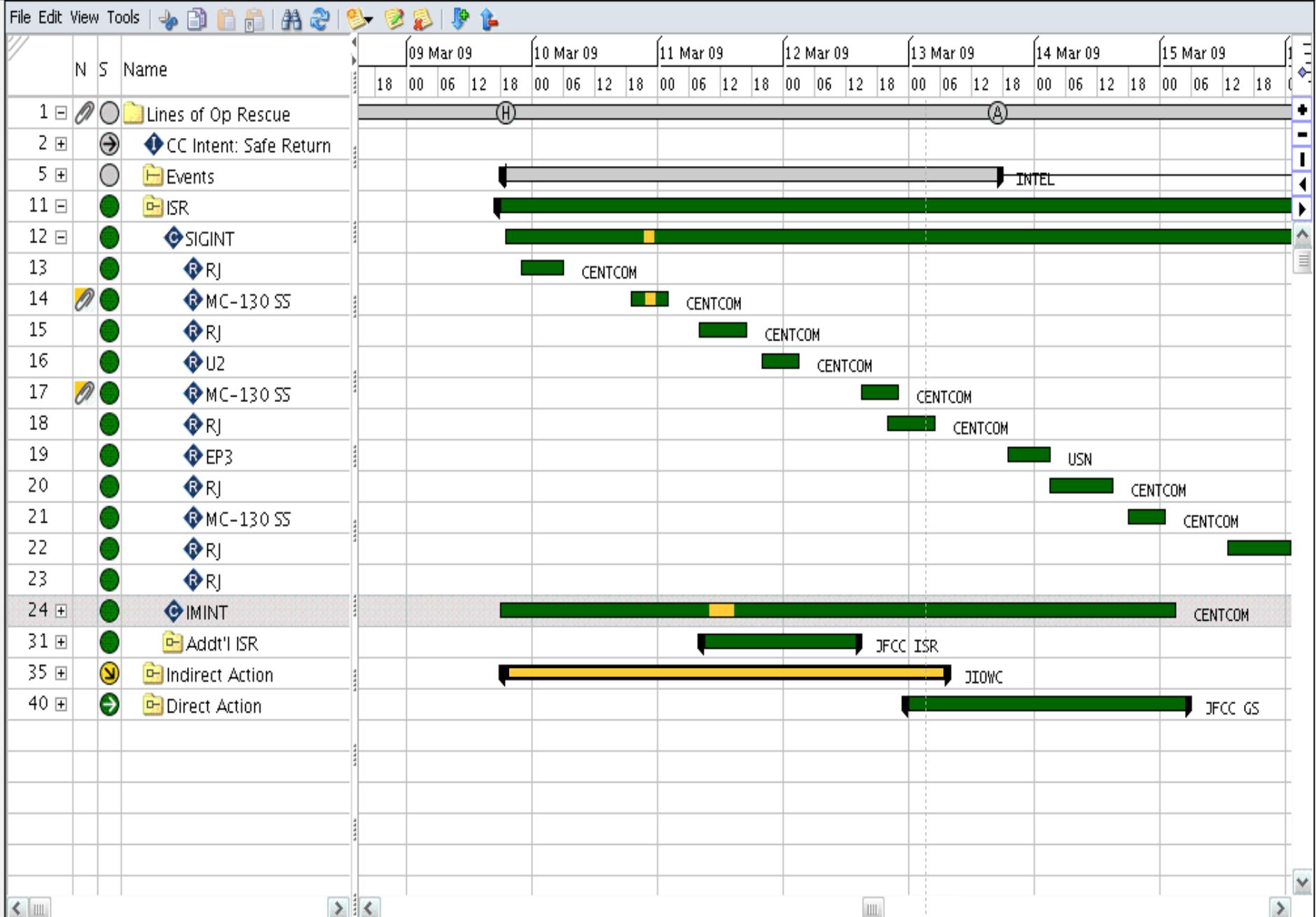
SIPR Site – <https://www.JCRE.osf.disa.smil.mil>



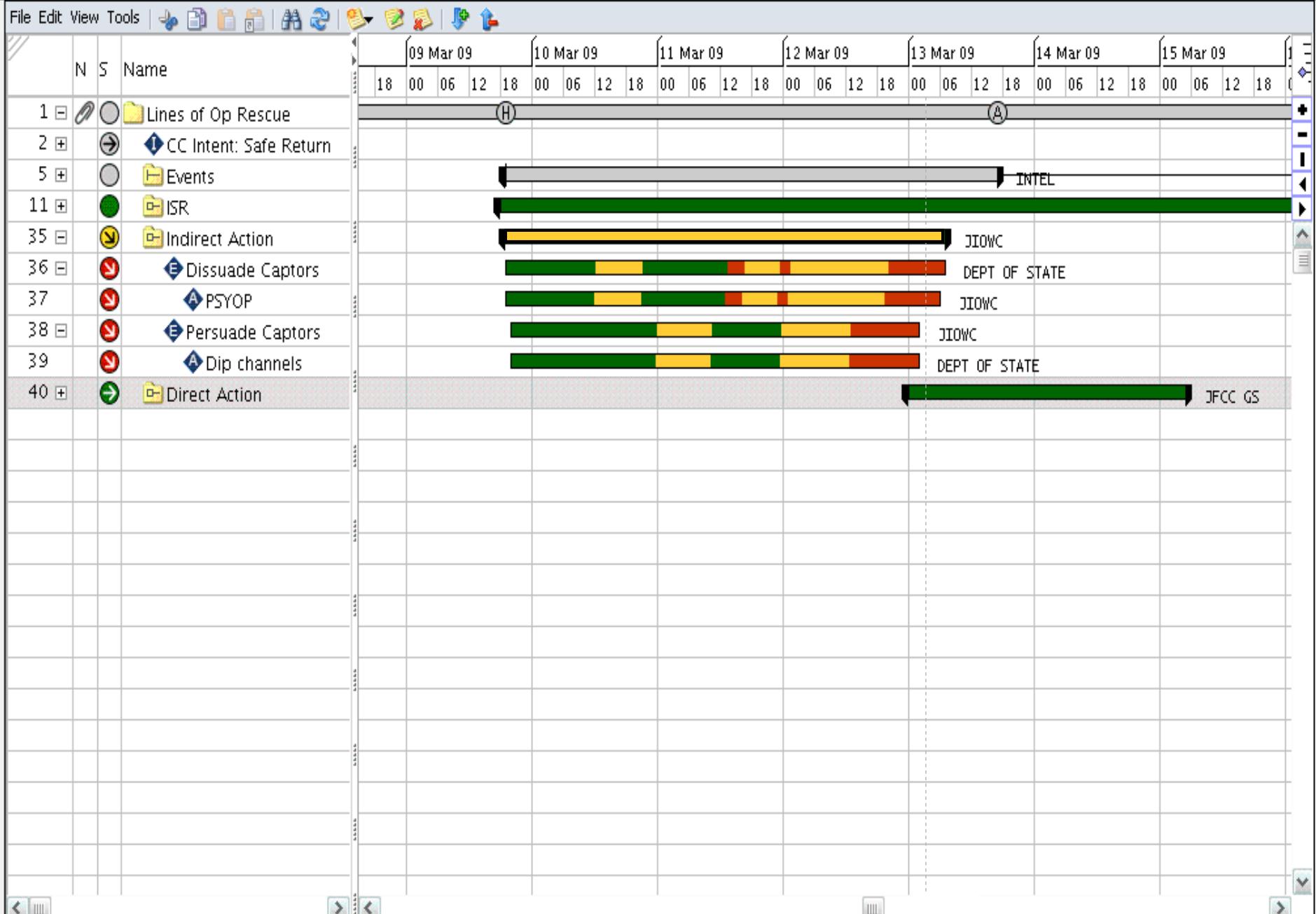
## My Operations &gt; Lines of Op Rescue



## My Operations &gt; Lines of Op Rescue



## My Operations &gt; Lines of Op Rescue



## My Operations &gt; Lines of Op Rescue



File Edit View Tools

N	S	Name
1	+	Lines of Op Rescue
2	+	CC Intent: Safe Return
5	+	Events
6	+	Hostages taken
7	+	Hostages located
8	+	Captor's Threat
9	+	Dip Channels severed
10	+	Execute Direct Action
11	+	ISR
12	+	SIGINT
13	+	R RJ
14	+	R MC-130 SS
15	+	R RJ
16	+	R U2
17	+	R MC-130 SS
18	+	R RJ
19	+	R EP3
20	+	R RJ
21	+	R MC-130 SS
22	+	R RJ
23	+	R RJ
24	+	IMINT
31	+	Add'l ISR
32	+	Additional ISR
33	+	R RJ

13 Mar 09      14 Mar 09

18 00 06 12 18 00 06 18

(A)

INTEL

DEPT. OF DEFENSE

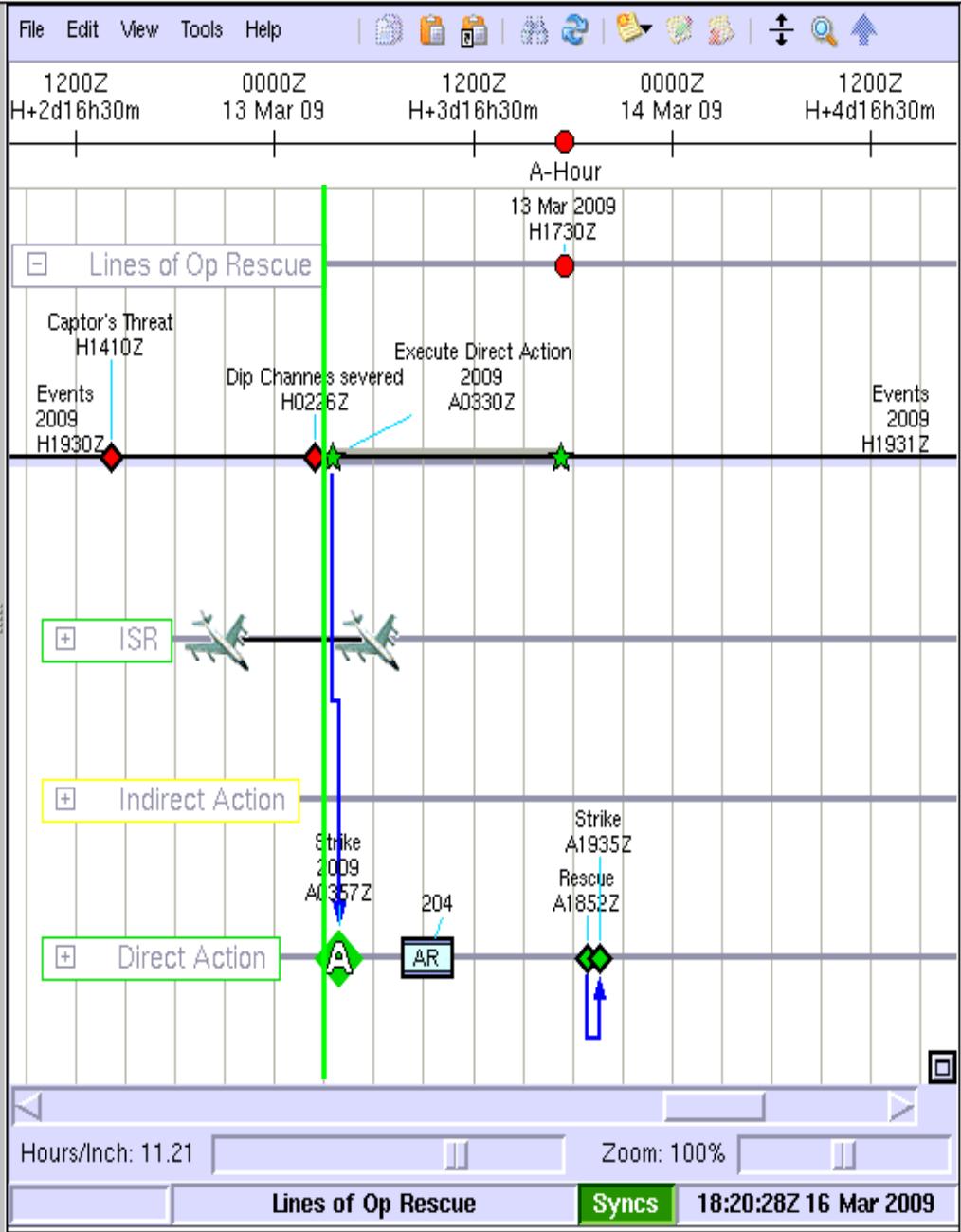
:00 CENTCOM

CENTCOM

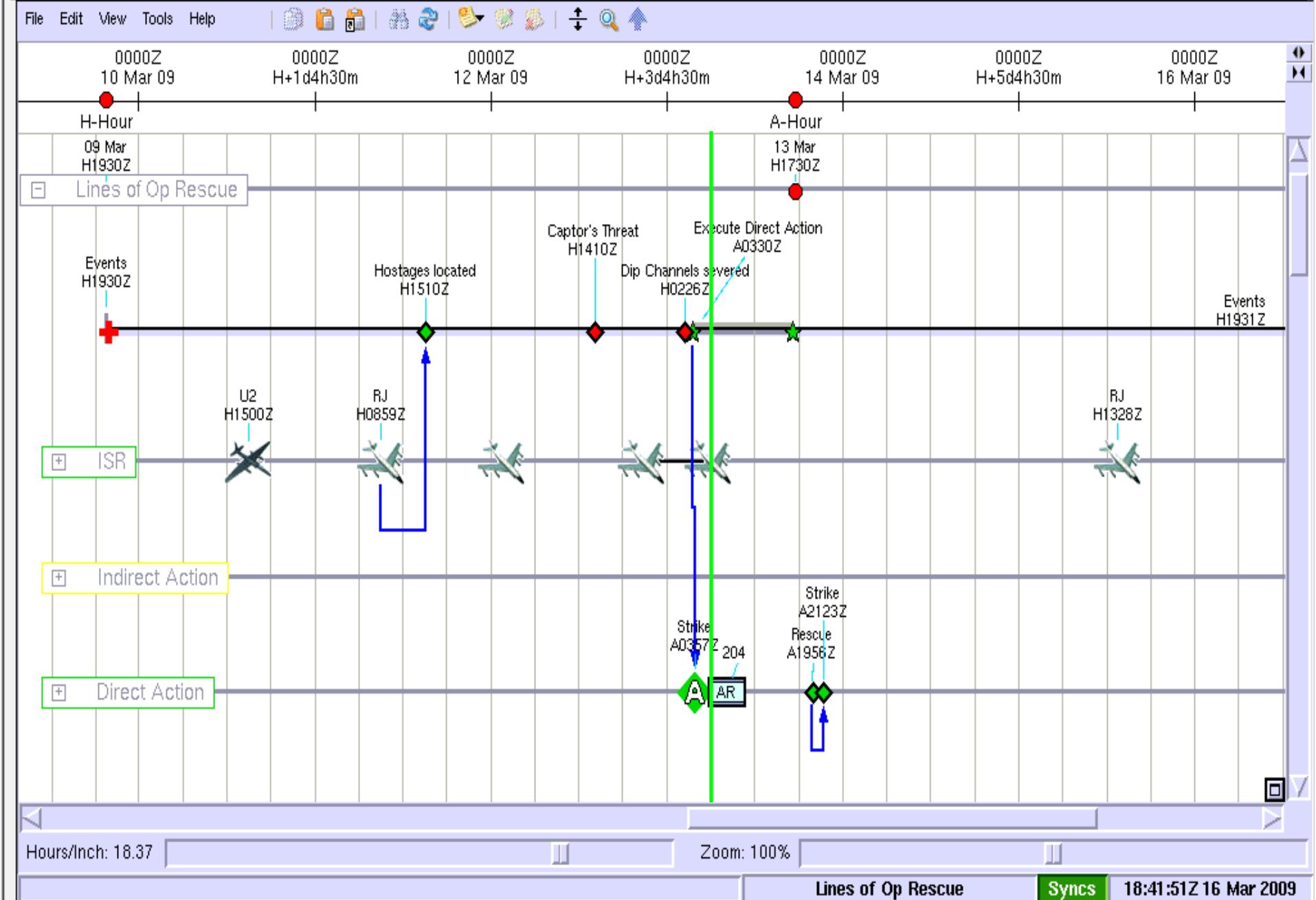
USN

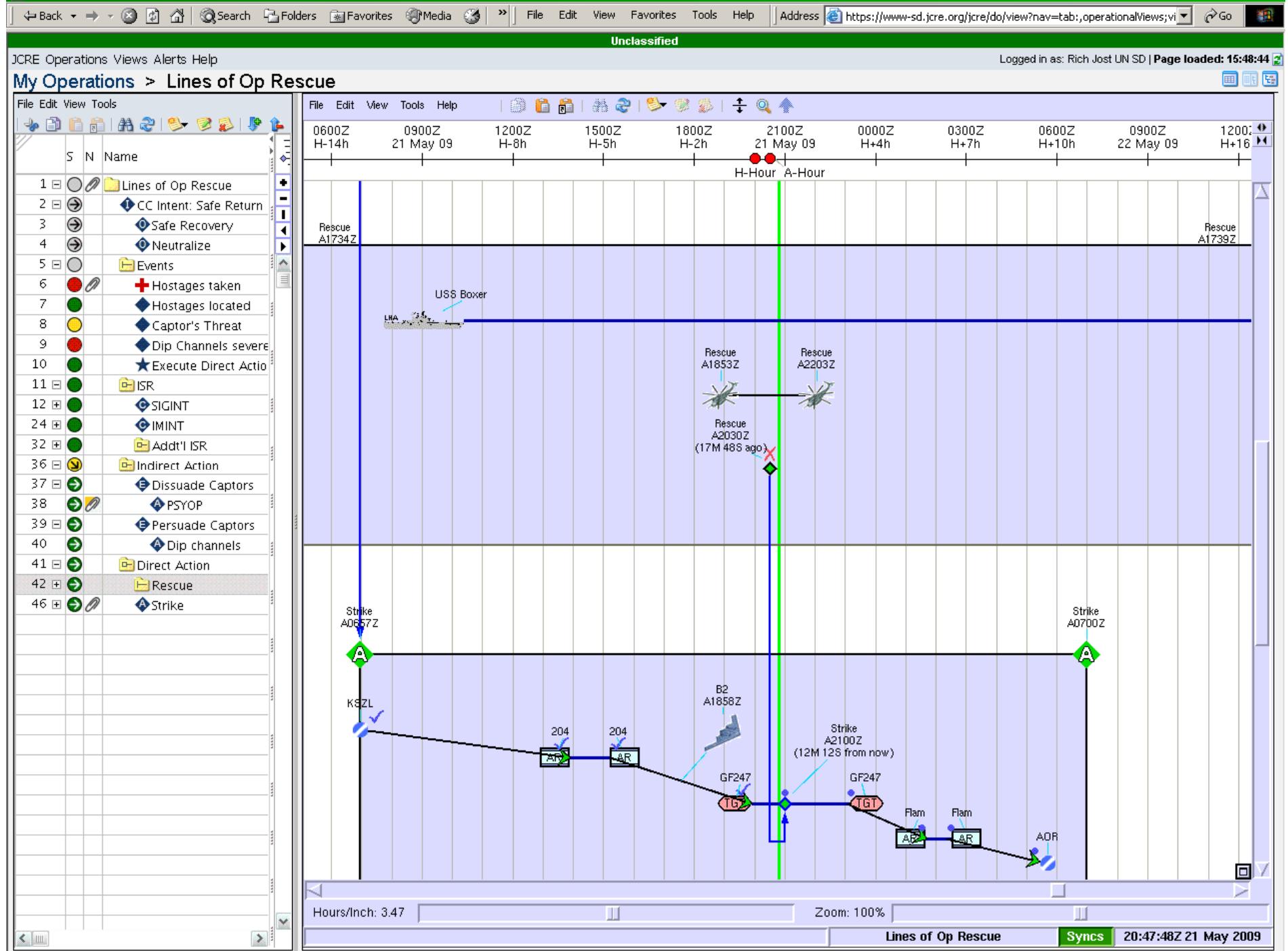
OFCC ISR

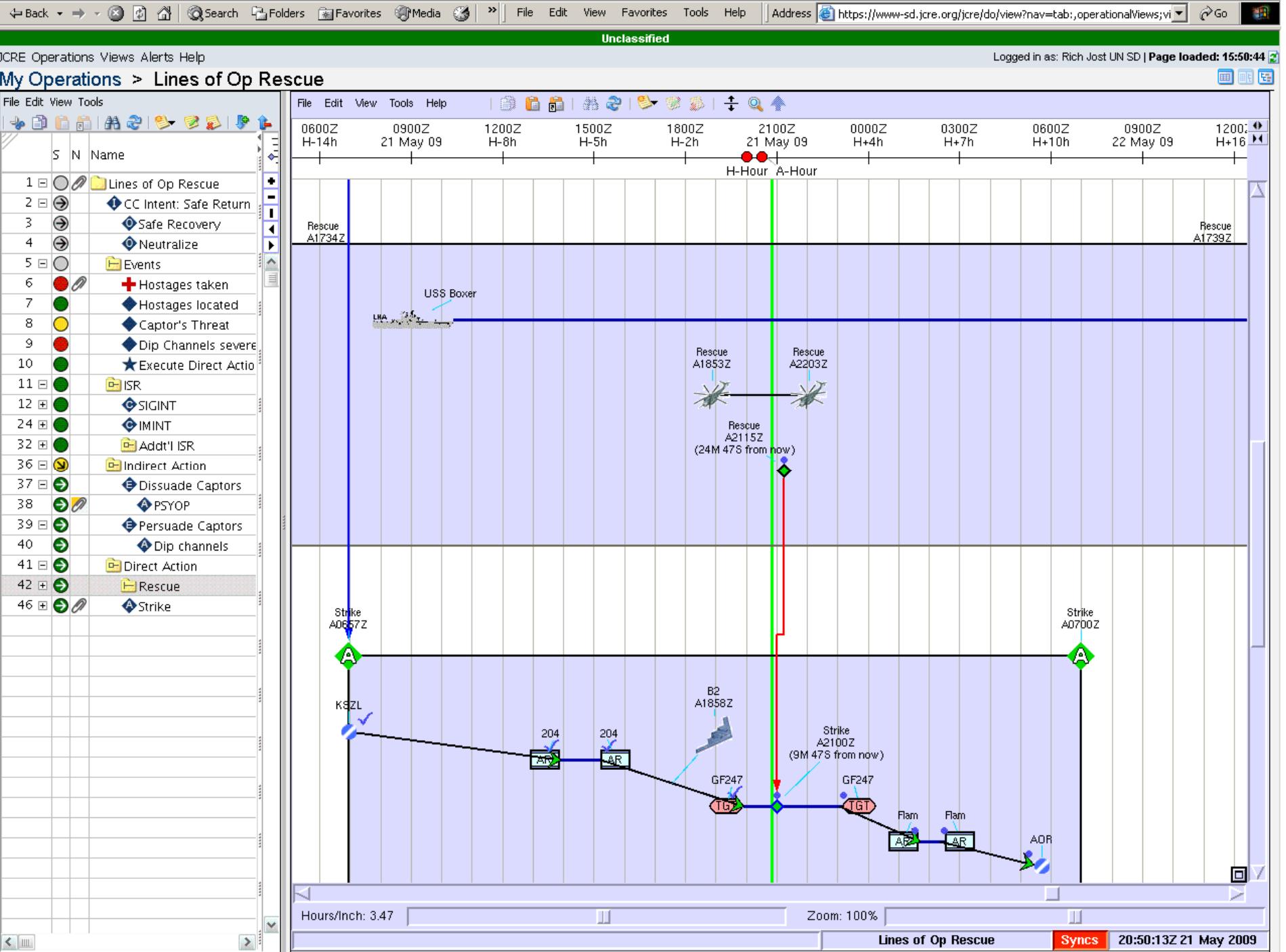
OFCC ISR

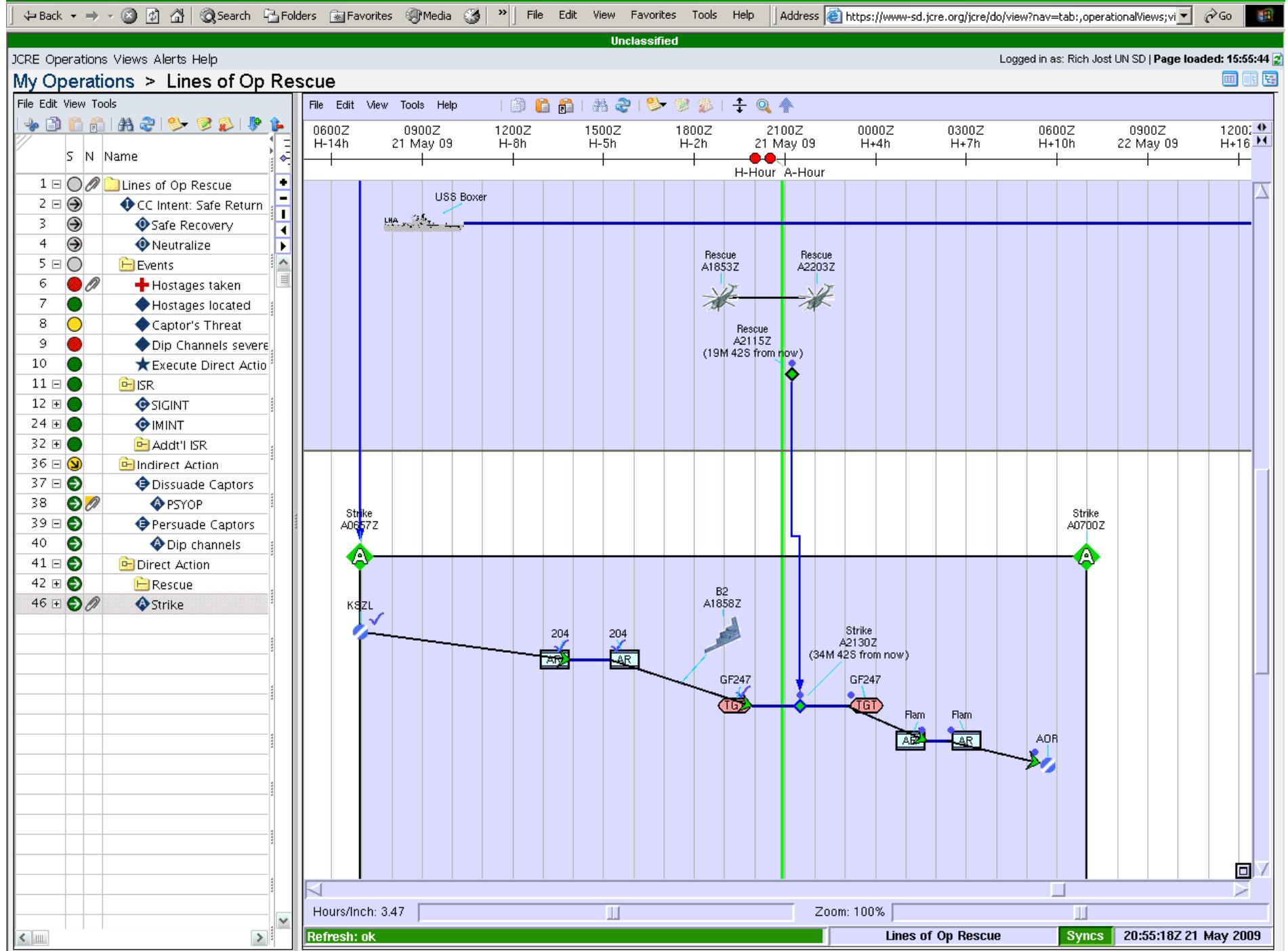


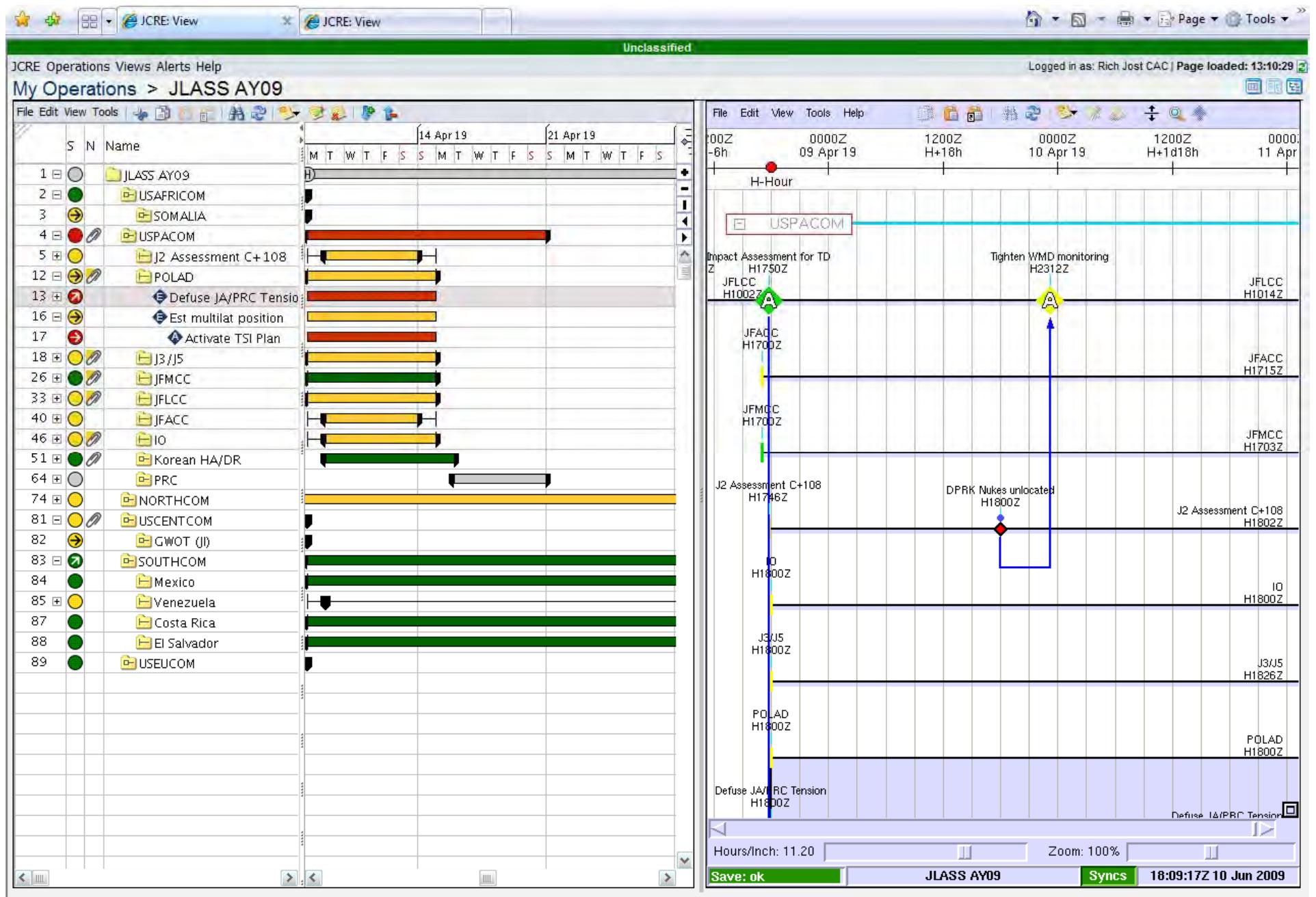
## My Operations &gt; Lines of Op Rescue











The screenshot shows the JCRE Operations interface with a Gantt chart for March 9-15, 2009. The chart displays various tasks and their timelines, including:

- 1 - Lines of Op Rescue
- 2 - CC Intent: Safe Return
- 3 - INTEL
- 4 - Neutralize
- 5 - Events
- 11 - ISR
- 35 - STRATCOM
- 40 - JFCC GS

Overlaid on the chart are four large, bold text elements:

- Asynchronous Planning**
- Execution Management**
- Collaboration**
- Automated M2M Data Ingest**



# DISCUSSION